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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/940,316	
	Filing Date	August 27, 2001	
	First Named Inventor	Christopher REEVES	
	Group Art Unit	1652	
	Examiner Name	To Be Assigned	
Total Number Of Pages In This Submission	6	Attorney Docket No.	300622002611

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SIGNATURE OF APPLICANT, ATTORNEY OR AGENT	
Firm or Individual Name	Brenda J. Wallach Registration No. 45,193
Signature	<i>Brenda J. Wallach</i>
Date	August 30, 2002

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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on August 30, 2002.
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PATENT
Docket No. 300622002611

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE TECH CENTER 1600/2900

In the application of:

Christopher REEVES et al.

Serial No.: 09/940,316

Filing Date: August 27, 2001

For: POLYNUCLEOTIDES ENCODING THE
fkfA GENE OF THE FK-520
POLYKETIDE SYNTHASE GENE
CLUSTER

Examiner: To Be Assigned

Group Art Unit: 1652

**SUPPLEMENTAL INFORMATION DISCLOSURE
STATEMENT UNDER 37 C.F.R. § 1.97**

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO-1449. Copies of the documents were previously submitted in an Information Disclosure Statement and/or Office Action, directed to the related application Serial Number 09/410,551, filed October 1, 1999, and, accordingly, copies are not included herewith. This protocol conforms with 37 C.F.R. § 1.98(d) and M.P.E.P. 609(A)(2). The Examiner is requested to make these documents of record in the application. The Examiner is requested to make these documents of record.

This application is a Divisional of United States Serial Number 09/410,551, filed October 1, 1999, which claims the benefit of the filing date of United States Provisional Application Serial Numbers 60/102,748, filed October 2, 1998; 60/139,650, filed June 17, 1999; and 60/123,810, filed March 11, 1999.

This Information Disclosure Statement is submitted:

- ☒ Within three months of the application filing date or before mailing of a first Office Action on the merits; accordingly, no fee or separate requirements are required.
- ☐ After receipt of a first Office Action on the merits but before mailing of a final Office Action or Notice of Allowance.
 - ☐ A fee is required. A check in the amount of * is enclosed.
 - ☐ A fee is required. Accordingly, a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below; accordingly; no fee is believed to be due.
- ☐ After mailing of a final Office Action or Notice of Allowance, but before payment of the issue fee.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below and a check in the amount of * is enclosed.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below and a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.

Applicants would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the information has been considered and made of record herein.

The information contained in this Supplemental Information Disclosure Statement under 37 C.F.R. § 1.97 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist;

(iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal letter is separated from this document and the Patent Office determines that an extension and/or other relief is required, applicant petitions for any required relief including extensions of time and authorizes the Assistant Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing 300622002611. However, the Assistant Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: August 30, 2002

Respectfully submitted,

By. Brenda J. Wallach
Brenda J. Wallach
Registration No. 45,193

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Form PTO-1449

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number 300622002611

Application Number 09/940,316

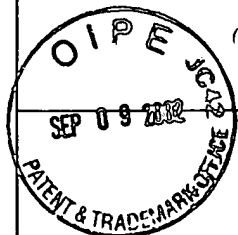
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U.S. PATENT DOCUMENTS

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Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
	1.	02/1993	5,189,042	Goulet et al.	514	291	
	2.	09/1997	5,672,491	Khosla et al.	435	148	
	3.	01/1998	5,712,146	Khosla et al.	435	252.35	
	4.	10/1999	5,968,921	Gold	514	183	
	5.	11/2000	6,150,513	Wu	536	23.2	
	6.	04/2001	6,210,974	Gold	436	501	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
	7.	07/05/1989	EP 0323042A	EPO			
	8.	02/28/1990	EP 0356399A	EPO			
	9.	01/02/1992	EP 0463690A	EPO			

OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
	10.	Chen T.S. et al. (1992). "Microbial Transformation of Immunosuppressive Compounds. II. Specific desmethylation of 13-methoxy group of FK 506 and FR 9500520 by Actinomycete sp. ATCC 53828," <i>J Antibiot</i> 45(4):577-580.
	11.	Dumont F.J. et al. (1992). "The Immunosuppressive and Toxic Effects of FK-506 Are Mechanically Related: Pharmacology of a Novel Antagonist of FK-506 and Rapamycin," <i>J of Exp Medicine</i> 176(3):751-760.
	12.	Gold et al., (1995) <i>Journal of Neuroscience</i> 15:7509-7516
	13.	Gold et al., (1999) <i>J. Pharm. Exp. Ther.</i> 289(3):1202-1210
	14.	Harrison's Principles of Internal Medicine, 14th Edition, 1998, McGraw Hill, Chapters 14,20,21,64-67
	15.	Iwasaki et al., (1993) <i>Drug Metabolism and Disposition</i> 21:971-977
	16.	Iwasaki et al., (1995) <i>Drug Metabolism and Disposition</i> 23:28-34

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Application Number 09/940,316

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Applicant

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| 17. | Kawai et al., (1993) FEBS Letters 316(2):107-113 |
| 18. | Khosla C. (1997). "Harnessing the Biosynthetic Potential of Modular Polyketide Synthases," <i>Chemical Reviews</i> 97(7):2577-2590. |
| 19. | Lyons et al., (1994) Proc. Natl. Acad. Sci. USA 91:3191-3195 |
| 20. | Motamedi et al., (1996) J. Bacteriol. 178:5243-5248 |
| 21. | Motamedi et al., (1997) Eur. J. Biochem. 244:78-80 |
| 22. | Motamedi and Shafiee, (1998) Eur. J. Biochem. 256:528 |
| 23. | Reynolds K.A. et al. (1997). "Rapamycin, FK506, and Ascomycin-related Compounds," <i>Drugs Pharm Sci</i> 82:497-520. |
| 24. | Shafiee A. et al. (1993). "Enzymatic synthesis and Immunosuppressive Activity of Novel Desmethylated Immunomycins (Ascomycins)," <i>J Antibiot</i> 46(9):1397-1405. |
| 25. | Shiraga et al., (1994) Biochem. Pharmacol. 47:727-735 |
| 26. | Stassi D.L. et al. (1998). "Ethyl-substituted Erythromycin Derivatives Produced by Directed Metabolic Engineering," <i>Proc Natl Acad Sci USA</i> 95 (13):7305-7309. |
| 27. | Steiner et al., (1997) Proc. Natl. Acad. Sci. USA 94:2019-2024 |
| 28. | Vincent et al., (1992) Arch. Biochem. Biophys. 294:454-460 |
| 29. | Wu et al., (2000) Gene 251:81-90 |

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